Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for processing data, the method comprising:

processing one or more bytes of a data set as a block wherein the data set comprises Asian language characters;

comparing the first byte of the one or more bytes with a value; and

transforming the data set by:

inserting an identifier after each byte of the one or more bytes, if the first byte is larger than the value[[.]]; and

not inserting an identifier after each byte of the one or more bytes, if the first byte is smaller than the value.

2. (Original) The method of claim 1 wherein the value equals to 127.

3. (Original) The method of claim 1 wherein the identifier is 0.

4. (Original) The method of claim 1 wherein the one or more bytes comprise two bytes.

5. (Original) The method of claim 1 wherein the data set comprises semiconductor manufacturing data.

6. (Original) The method of claim 1 further comprising receiving the data set from a first device.

7. (Previously Presented) The method of claim 1 further comprising transmitting the transformed data set to a second device.

8. (Original) The method of claim 1 wherein the Asian language characters comprise Chinese characters.

9. (Original) The method of claim 1 wherein the Asian language characters comprise Japanese characters.

10. (Original) The method of claim 1 wherein the Asian language characters comprise Korean characters.

11. (Previously Presented) A method for processing data in a semiconductor manufacturing environment, the method comprising:

processing one or more bytes of a data set as a block wherein the data set comprises Asian language characters;

comparing the first byte of the one or more bytes with a value;

transforming the data set by deleting an identifier following each byte of the one or more bytes, if the first byte is larger than the value; and

transmitting the transformed data set to a first device.

12. (Original) The method of claim 11 further comprising receiving the data set from a second device.

13. (Original) The method of claim 11 wherein the identifier is 0.

14. (Original) The method of claim 11 wherein the value is 127.

15. (Original) The method of claim 11 wherein the Asian language characters comprise Chinese characters.

16. (Original) The method of claim 11 wherein the Asian language characters comprise Japanese characters.

17. (Original) The method of claim 11 wherein the Asian language characters comprise Korean characters.

18. (Previously Presented) A method for transmitting semiconductor manufacturing data in a virtual integrated circuits fabrication system, the method comprising:

processing each two bytes of a first data set as a block wherein the first data set comprises Asian language characters;

comparing the first byte of the each two bytes with 127;

transforming the first data set by adding a zero after each byte of the each two bytes, if the first byte is larger than 127;

comparing each byte of a second data set with 127 wherein the second data set comprises Asian language characters; and

transforming the second data set by deleting a zero following the each byte of the second data set, if the each byte of the second data set is larger than 127.

19. (Original) The method of claim 18 wherein the Asian language characters comprise Chinese characters.

20. (Original) The method of claim 18 wherein the first data set comprises semiconductor manufacturing data transmitted in a virtual integrated circuits fabrication system environment.